

DEPARTMENT OF ENERGY OFFICE OF ENVIRONMENTAL MANAGEMENT (EM) BUSINESS OPPORTUNITIES

Third Annual Service-Disabled Veteran-Owned Small Business Opportunity Day

Norbert S. Doyle

Deputy Assistant Secretary for Acquisition & Project Management

Anne Marie Bird

EM Small Business Program Manager

November 12, 2019

- DOE EM Cleanup Mission
- DOE EM Locations
- Small Business Goals and Achievement
- Current EM Major Procurements
- The First Steps Toward Success
- Seize the Opportunities
- EM and Site Procurement Opportunities (Prime and Sub)
- EM Strategic Sourcing
- EM Small Business Contacts
- Other Helpful Websites





Over **700,000 tons** of **depleted uranium** produced as a by-product of enriching uranium to weapons grade



U.S. Nuclear
Weapons
Complex

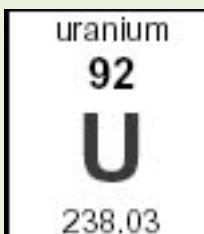


Over **5,000 facilities** contaminated as a result of activities such as reactor operations and uranium enrichment (which produce fissile material for nuclear weapons)

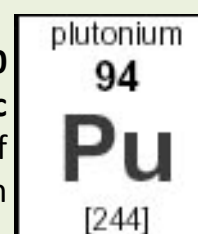


Millions of cubic meters of soil and **billions of gallons of groundwater** contaminated by environmental releases of radioactive and hazardous materials

Over **1,000 metric tons** of weapons-grade uranium



Over **100 metric tons** of plutonium

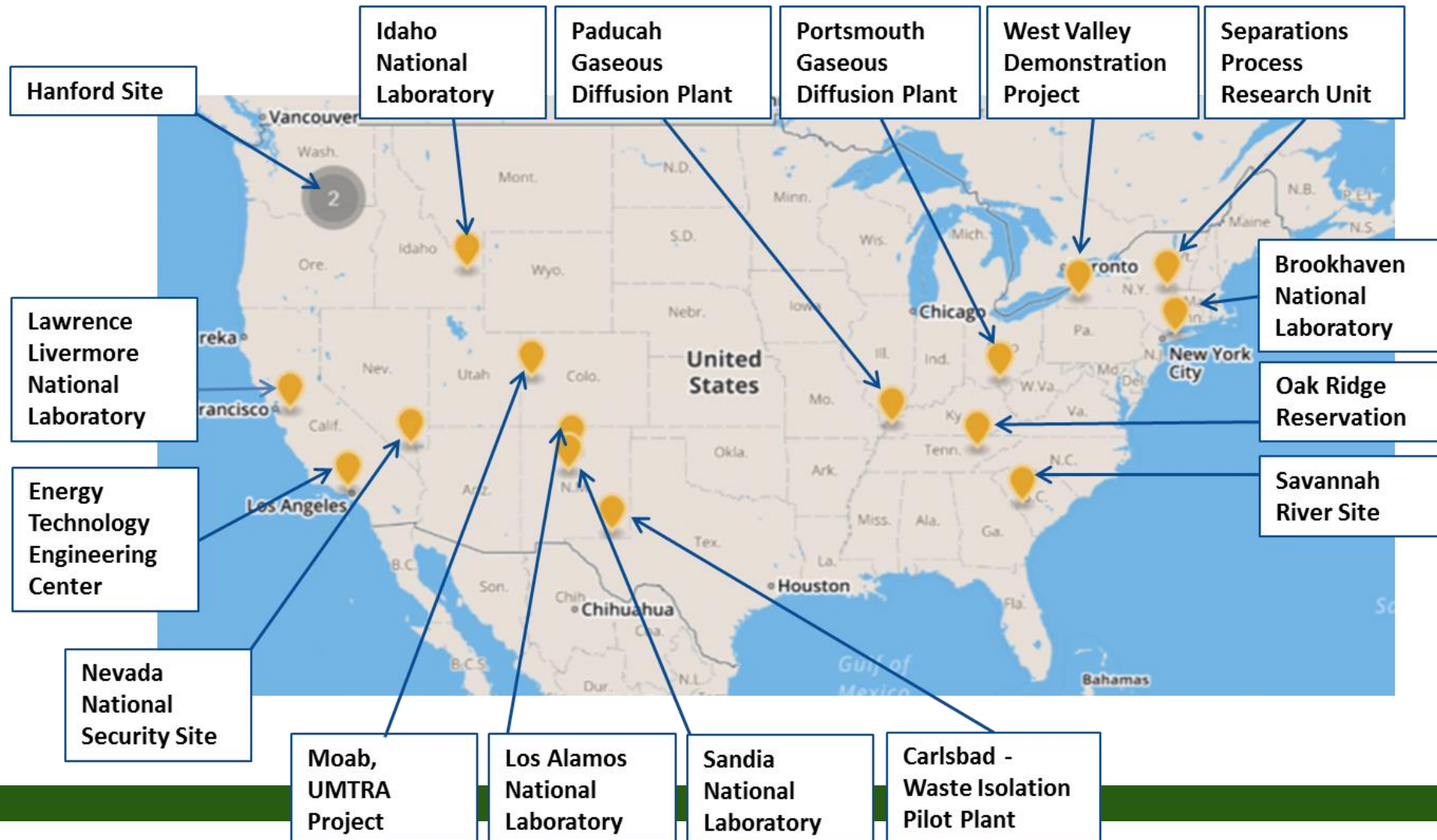


Tens of thousands of nuclear warheads



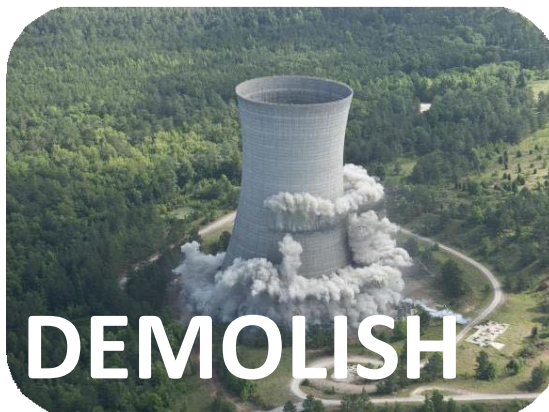
Over **90 million gallons of liquid waste** produced as a by-product of the separation of plutonium and uranium from used nuclear fuel rods

As the largest environmental cleanup program in the world, EM has been charged with the responsibility of cleaning up 107 sites across the country. The map below shows the remaining 16 active EM sites where cleanup work is currently ongoing.



EM Remediates the Environmental Legacy of the U.S. Nuclear Weapons Complex

EM is an operational federal program, performing a wide variety of tasks to clean up the environmental legacy of the U.S. nuclear weapons complex



EM is committed to creating sustainable contract opportunities for small businesses by increasing the amount of meaningful work for small business prime contracting and subcontracting.

Key Strategies

- Increase the amount of meaningful work for small business prime contracting by working closely with the EM sites
- Continue to expand outreach to Socio-Economic small business
- Expand ordering capability of small business contracts to other DOE Program offices, such as EM's small business IDIQ contact(s) for D&D services
- Work with DOE's Office of Small and Disadvantaged Business Utilization and EM Sites to develop small business contracting strategies
- Mandatory small business subcontracting goals

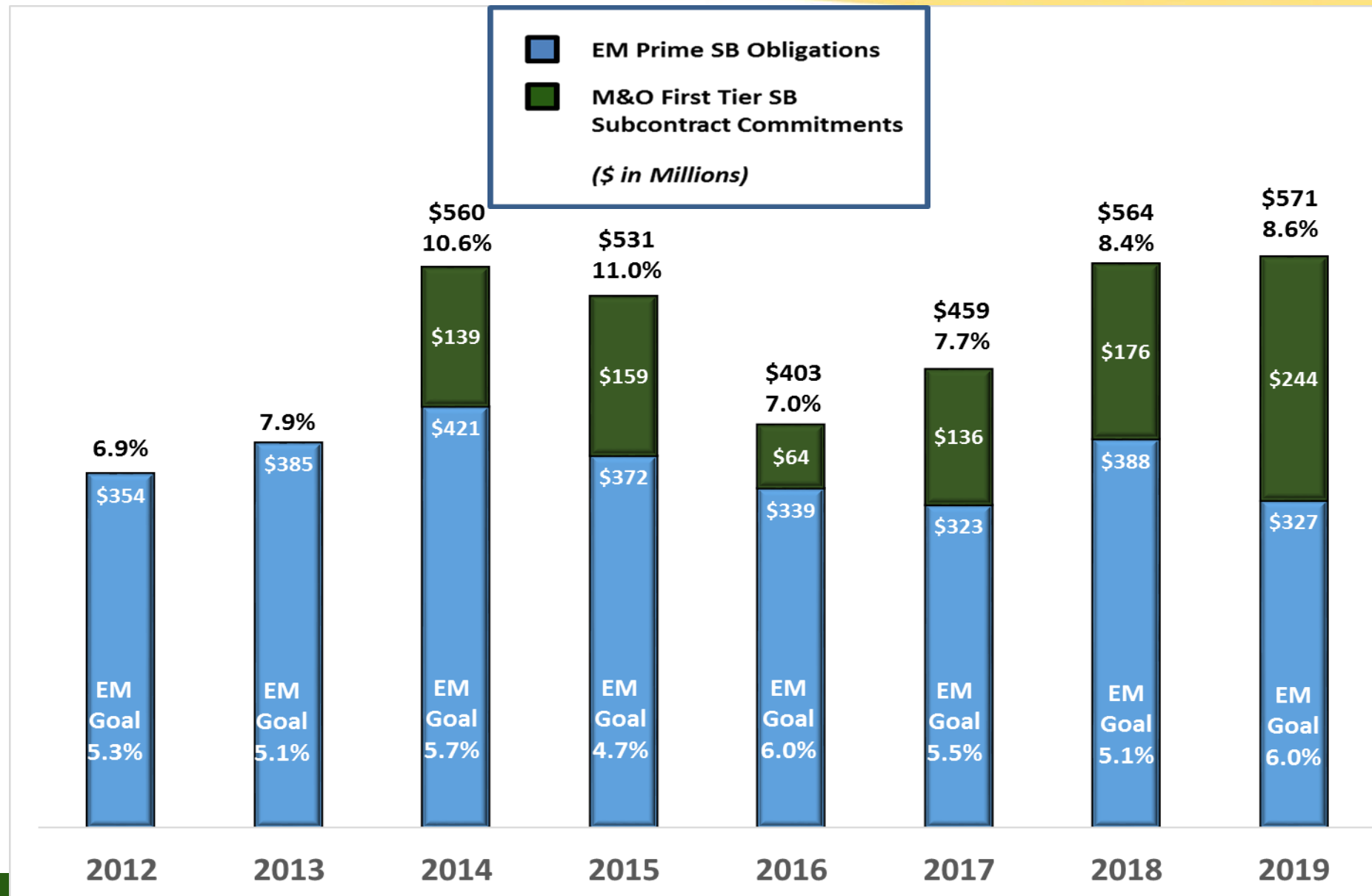
FY2019 Small Business Goals for DOE

Category	Prime/with MOSRC (%)	Subcontracting (% of SubK \$'s)
Small Business	5.18%/11.65%	45%
Small Disadvantaged Business	5%	5%
Woman-Owned Small Business	5%	5%
Service-Disabled Veteran-Owned Small Business	3%	3%
HUBZone	3%	3%

PRIMARY NAICS CODES

NAICS Code	NAICS DESCRIPTION
541620	ENVIRONMENTAL CONSULTING SERVICES
541611	ADMINISTRATIVE MANAGEMENT AND GENERAL MANAGEMENT CONSULTING SERVICES
561210	FACILITIES SUPPORT SERVICES
562211	HAZARDOUS WASTE TREATMENT AND DISPOSAL
562910	REMEDIATION SERVICES

Small Business Prime Contract Funding Trends



Current EM Major Procurements

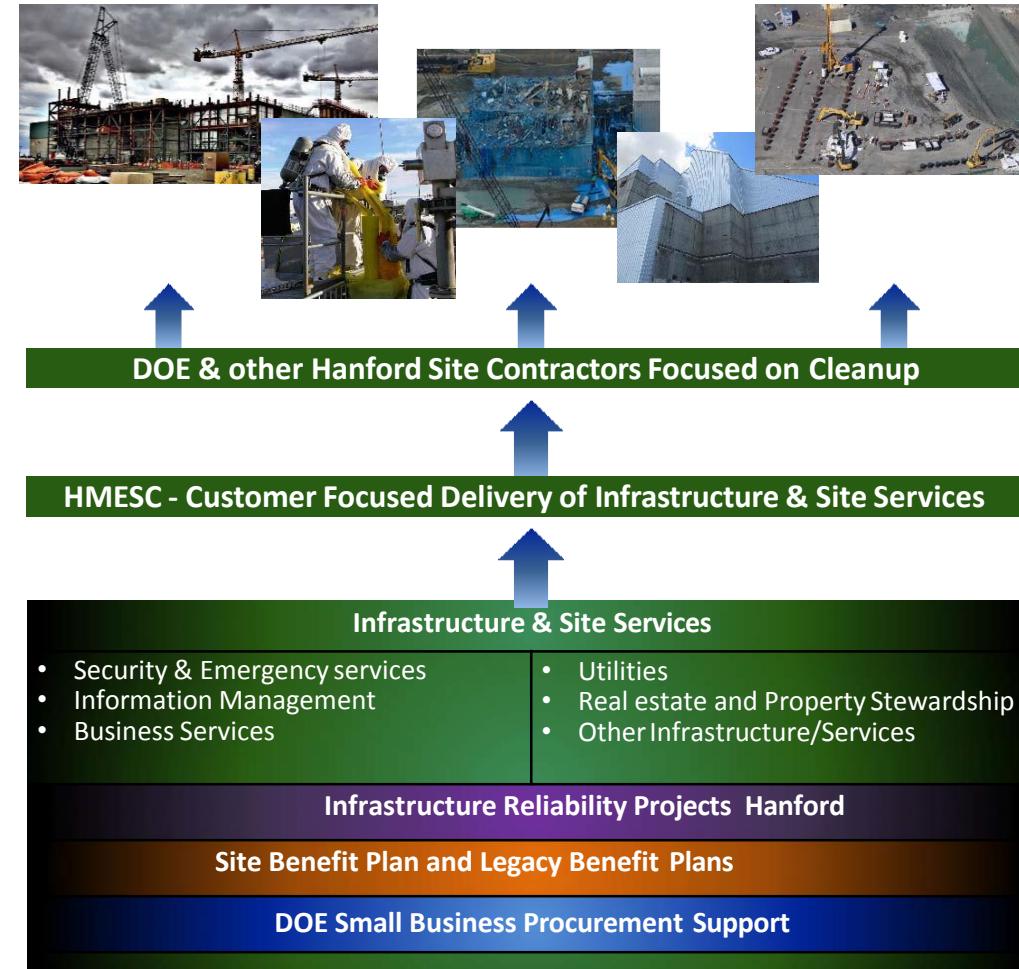
Hanford Mission Essential Services

Scope of Work

- Operation and maintenance of site utilities (e.g., water, electrical, wastewater treatment, and roads)
- Construction and upgrades of general site infrastructure
- Provides safeguards and security, fire and emergency services, public safety and resource protection, the Hazardous Material Management and Emergency Response training facility (HAMMER), interface management, regulatory compliance, and environmental permitting
- Management of site information technology, telecommunications, and records
- Provides site business activities such as real property asset management, administration of site legacy and market-based pension savings and welfare benefits plans, and business/operations systems management
- Supports DOE's land management and long-term stewardship functions

Estimated Value

\$4 - \$6 billion



Nevada Environmental Program Services

Scope of Work

- Soil Remediation Program
- Underground Test Area Activity
- Soil and Industrial Type Post- Closure Surveillance & Maintenance
- Decontamination & Demolition
- Environmental Management Integration
- Radioactive Waste Acceptance Program

Estimated Value

\$250-\$400 million



Savannah River Paramilitary Security Services

Scope of Work

- Perimeter Protection
- Communications, Command and Alarm Centers
- Law Enforcement and Criminal Investigations
- Canine Operations
- Facilities Protection
- Special Operations
- Material Transportation Security and Coordination
- Training
- Personnel Security
- Information Resource Management and Cyber Security

Estimated Value

\$600 million – \$1 billion



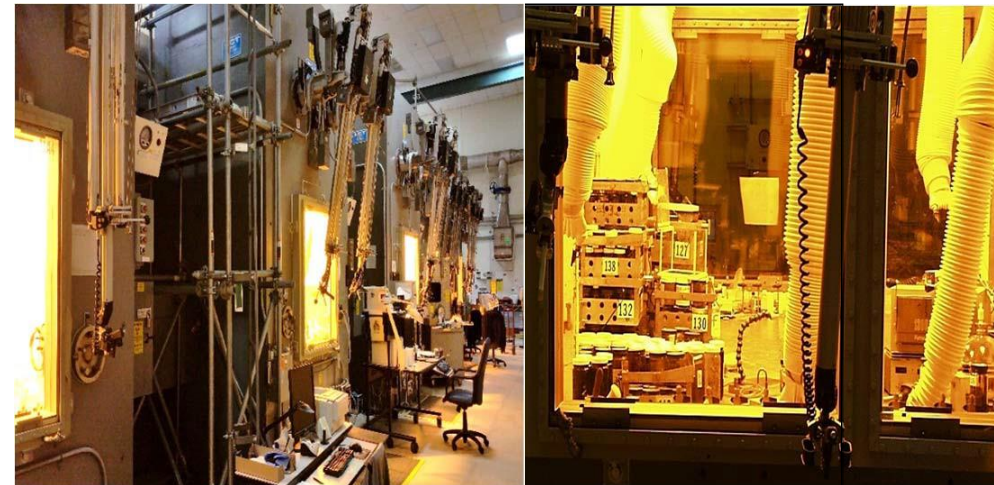
Hanford 222-S Laboratory

Scope of Work

- Operates and maintains the Hanford 222-S Laboratory Complex in support of the Hanford cleanup mission
- Provides analysis of highly radioactive samples, including samples that are extremely hazardous and cannot easily be sent offsite
- Performs inorganic, organic, and radionuclide analyses
- Stores and/or disposes of nuclear waste
- Maintains an aging Category 3 Nuclear Facility that includes 11 hot cells

Estimated Value

\$400-600 million



Oak Ridge Reservation Cleanup

Scope of Work

- Decontamination and demolition of facilities at the Y-12 National Security Complex (Y-12) and Oak Ridge National Laboratory (ORNL)
- Environmental remediation across the Oak Ridge Reservation (ORR)
- Operation and Maintenance of waste treatment systems at ORNL and Y-12
- Treatment and disposal of legacy waste
- Construction of a new demolition debris landfill and operation of new/existing landfills
- Risk reduction and surveillance and maintenance (S&M) of EM facilities and sites
- Support for remaining transuranic waste shipments to the Waste Isolation Pilot Plant
- Other activities in support of ORR cleanup

Estimated Value

\$4-\$6 billion



Excess Facilities at ORNL



Excess Facilities at Y-12

Hanford Tank Closure

Scope of Work

- Provides Tank Farms Base Operations
- Single-Shell Tank Waste Remediation and Closure
- Design, Construct and Operate Waste Receiver Facilities
- Design, Construct and Operate Supplemental Treatment Capability
- Design, Construct and Operate Tank Waste Operations Center
- Establish and Maintain the Capability to Pretreat Tank Waste and Transfer Pretreated Low Activity Waste to a Treatment Facility
- Analytical Laboratory Support

Estimated Value

\$10 - \$15 billion



Hanford Central Plateau Cleanup

Scope of Work

- Facility Deactivation, Decommissioning, Decontamination, and Demolition (D4) and Waste Site Remediation
- Soil and Groundwater Remediation
- Waste Retrieval, Treatment, Storage, and Disposal of transuranic (TRU) waste on the Hanford Site
- Activities to develop the RCRA/CERCLA Decision Documents necessary to support and obtain all RODs for both groundwater and the vadose zone operable units (OU) in the Central Plateau and the River Corridor.

Estimated Value

\$7 - \$12 billion



Nationwide Deactivation, Decommissioning & Removal (DD&R)

Scope of Work

- Deactivation, Decommissioning, and Removal (DD&R) of Facilities, Waste Management, and Program Support at various locations throughout the United States in support of the U.S. Department of Energy (DOE) including National Nuclear Security Administration (NNSA) and Office of Science (OS)
- Program Support Services (e.g., Nuclear Safety, Quality Assurance, Conduct of Operations, Worker Safety and Health, Regulatory Planning)

Estimated Value

\$1 - \$3 billion

Idaho Cleanup

Scope of Work

- Radioactive Waste Management Complex Closure
- Complete Movement of Spent Nuclear Fuel from Wet to Dry Storage
- Complete Transuranic Waste Shipments Out of the State of Idaho
- Sodium Bearing Waste Processed and Tank Farm Closure Completion
- Establishment of a Direct Disposal Pathway for Calcine
- Maintain Facilities and General Infrastructure
- Maintain Regulatory Compliance
- Establishment of a Spent Nuclear Fuel Disposition Pathway Site at the DOE Idaho National Laboratory (INL) Idaho Cleanup Project (ICP) Site in southeast Idaho

Estimated Value

\$3 - \$6 billion



Savannah River Site Integrated Mission Completion

Acquisition Planning Stage

- Liquid waste stabilization/disposition
- Nuclear materials management and stabilization
- Deactivation and decommissioning among other requirements at the Savannah River Site (SRS).

Estimated Value

TBD



- **Identify your NAICS code(s)**
- **Develop your business capabilities statement**
- **Determine if DOE purchases what you sell**
- **Obtain a DUNS Number from Dun & Bradstreet – Starting December 2020, The DUNS number will no longer be the official identifier for doing business with the U.S. Government; replaced by a new Unique Entity Identifier generated in SAM**
- **Register in the System for Award Management (SAM), the SBA Dynamic Small Business Search, and FedConnect**
- **Determine if your firm qualifies for SBA certifications (i.e., 8(a) SDB, HUBZone or WOSB)**
- **Familiarize yourself with the Federal Acquisition Regulations (FAR)**
- **Familiarize yourself with the forecasts for the DOE**
- **Explore subcontracting opportunities with EM prime contractors**
- **Market your firm to the right contacts**

- **Respond to Special Notices for Market Research**
 - **Extremely important for interested small businesses to answer ALL the questions in DOE Requests for Information/Sources Sought**
 - **Submit Capabilities Statements**
- **Attend Pre-Solicitation/Pre-Proposal Conferences**
 - **Obtain Additional Details of Requirement**
 - **Provide Feedback to Acquisition Team**
 - **Develop Teaming and Mentor Protégé Opportunities**
- **Attend Conferences and DOE EM Business Opportunities Forum (quarterly)**
- **Build capabilities at the subcontract level under existing contracts in order to enhance opportunities within future competitive DOE prime procurements**
- **Engage the Supply Chain Management Center (SCMC)**

- Where can SBs find out about the SB procurement opportunities (DOE Forecast page vs site specific websites)?
- DOE Acquisition Forecast:
<https://www.energy.gov/osdbu/acquisition-forecast>
- Listing of EM Major Procurements:
<https://www.energy.gov/em/downloads/em-major-procurements>
- EMCBC Major Procurements Website:
<https://www.emcbc.doe.gov/About/CurrentAcquisitionWebsites>
- Sample of Prime Contractor Website (FRNP):
<https://fourriversnuclearpartnership.com/about/doing-business#subcont-opps>

DOING BUSINESS WITH DOE/EM RESOURCES

DOE Field Procurement Offices Where EM Work is Performed

Doing Business with EM Consolidated Business Center

Guide for Submission of Unsolicited Proposals

Federal Business Opportunities

Small Business Opportunities

Business Opportunity Forum Attendees

EM Major Procurements

EM Partnering Initiative

- Go to the SCMC website at www.thescmcgroup.com to learn more about the SCMC
- Self-identify as a potential supplier partner by providing information about your company and its capabilities
- Partner with your local or other DOE prime contractors within the enterprise
- Network and partner with site small business coordinators, participate in local small business forums



Supply Chain Management Center

In collaboration with the Supply Chain Management Center (SCMC), EMCBC is monitoring Strategic Sourcing of fifteen EM prime contractors at the following locations: Savannah River, Richland, Office of River Protection, Idaho, Oak Ridge, Waste Isolation Pilot Plant, Portsmouth, Paducah, and West Valley.

Contact a Commodity Manager

If you have a question regarding a specific commodity, please direct your question to the appropriate Commodity Manager.

Strategic Commodity Team	Commodity Manager	Email address
Professional Services	Jody Detten Pamela Diego Joe Langenderfer	jdetten@kcncsc.doe.gov pdiego@kcncsc.doe.gov jangenderfer@kcncsc.doe.gov
Information Technology	Karen Cassell Anthony Lang	kcassell@kcncsc.doe.gov alang@kcncsc.doe.gov
Operating Supplies Transportation & Logistics	Bree Ramirez Gibson Doug Ward	bramirezgibson@kcncsc.doe.gov dward@kcncsc.doe.gov

Feedback

Please click the button below to provide your feedback.

Provide Feedback

Supplier Profile

Tell us about your company. The SCMC will use this information, along with other data points, when selecting suppliers that can best serve our purchasing customers.

Supplier Profile

DOE-EM Small Business: <https://www.energy.gov/em/small-business-opportunities>

- EM Business Advocate (and HQ/EMCBC/PPPO/CBFO/LANL/Small Sites): Anne Marie Bird, (513) 246-0569; annemarie.bird@emcbc.doe.gov
- EM Oak Ridge Office: Natasha White, (865) 576-2397; natasha.white@orem.doe.gov
- Idaho Operations Office: Trevor Bluth, (208) 526-3277; bluthtm@id.doe.gov
- Office of River Protection: Kelly Brazil, (509) 376-0174; kelly_brazil@orp.doe.gov
- Richland Operations Office: Robin Whitney, (509) 376-1416; robin.whitney@rl.doe.gov
- Savannah River Operations Office: Parodio Maith, (803) 952-9487; parodio.maith@srs.gov

Other Helpful Websites

- DOE Public Website: www.energy.gov
- EM Public Website: www.em.doe.gov/Pages/EMHome.aspx
- DOE OSDBU: www.energy.gov/osdbu/office-small-and-disadvantaged-business-utilization
- DOE Small Business Points of Contact: www.energy.gov/osdbu/small-business-services/small-business-points-contact
- USA.Gov small business website: www.usa.gov/business?source=busa
- Procurement Technical Assistance Center: www.aptac-us.org/
- System for Award Management: www.sam.gov
- FedConnect Government Acquisition & Grants Portal: <https://www.fedconnect.net/FedConnect/default.htm>



USD  E'20

19th Annual DOE Small Business Forum and Expo
A New American Energy Era Powered by Small Business

Register here:

<https://www.energy.gov/osdbu/smallbusinessconference/us-department-energy-small-business-forum-expo>